

DEPARTMENT OF FORESTRY AND FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL

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CALIFORNIA CODE ADOPTION
Meeting Notes
H Occupancy Workgroup (South)
12/21/2005
OCFA – RFOTC, Irvine CA

<p><u>ATTENDEES:</u></p> <p>Facilitator: Jennifer Bower/Chuck Daleo</p> <p>Committee or Group Members Present: James Carver, Mark Dossett, Bryan Batiste, Adria Paesani, Deidre Locati, Kevin Scott</p> <p>CDF/SFM Staff Present:</p>	<p><u>STAKEHOLDERS IN AUDIENCE:</u></p>
<p>Discussion & Recommendations</p>	<ul style="list-style-type: none"> • We received the North workgroup recommendations for the H-4, H-5 occupancies via email on the morning of the meeting. While some of the recommendations were well stated and the South workgroup agreed to them, there was some surprise at the number of recommendations. No North workgroup member called into the conference line made available on our November 30th meeting and no email prior to this meeting indicated the issues described. The South workgroup put together their comments and provided them to the North workgroup. It was motioned and second was taken that a coordinated conference call meeting be completed so that an agreed upon package can be submitted from the H Workgroups to the core team. • We received the North workgroup recommendations regarding the “L” occupancy (H-8). Comments were provided back to the workgroup that this occupancy should be in the body of the code, not an appendix. A follow up conversation with the CSFM on 12/28/05 indicates that the CSFM agrees that it should be in the body of the code. Additionally, a reference to limiting this type of occupancy to University and Colleges should be considered. (Note: Needs to be formatted like in kind with ICC)

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- South Workgroup reviewed the new direction provided by the Core Team and came up with comments and recommendations as follows:

1. Height and Area

Needs to be revisited and will be by a separate group.
Concerns listed below.

Purpose/Rationale:

- H3 occupancy is more restrictive than current code as you cannot use sprinkler increase.
- H2 occupancy based on type of construction can be approximately 200% bigger than accepted before. Do we have fire-fighting capabilities? Are fire suppression systems adequately designed for the additional area and potential load?
- H1 occupancy can be in combustible construction. Why?
- Additional height – what does this do to future TIs? Planning Zone issue?

2. Control Areas

Understand the change is business friendly, but creates a regulatory nightmare. Will be difficult to regulate and enforce.

- Quantity limits, construction requirements

3. Separation Requirements

IBC Chapter 4, Section 415.7 - Add flammable liquid storage room and warehouse definitions.

Liquid storage rooms. Rooms in which Class I, Class II and Class II-A flammable or combustible liquids are store in closed containers shall be constructed in accordance with the requirements for Group H3 occupancy.

Liquid storage warehouses. Liquid storage warehouses in which Class I, Class II and Class III-A flammable or combustible liquids are stored in closed containers shall be constructed in accordance with the requirements for a Group H3 occupancy.

Purpose/Rationale: Flammable liquid storage rooms and warehouses are often confused and are listed in the IFC. For clarity and consistency, the same definitions should be in the IBC.

IBC Chapter 4, Section 415.8.4 - Add requirements that are missing for separation for H3 and H4 occupancies.

Liquid storage warehouses shall be separated from all other uses by a four-hour separation wall.

Purpose/Rationale: Section 3404.3.8 of the IFC refers you to the IBC and there are no specific requirements for separation of a liquid storage warehouse.

4. HMMP/HMIS

2701.5.1 Hazardous Materials Management Plan. Where required by the fire code official, each application for a permit shall include a Hazardous Materials Management Plan (HMMP). The HMMP shall include a facility site plan designating the following:

1. Storage and use areas.
2. Maximum amount of each material stored or used in each area.
3. Range of container sizes.
4. Locations of emergency isolation and mitigation valves and devices.
5. Product conveying piping containing liquids or gases, other than utility-owned fuel gas lines and low-pressure fuel gas lines.
6. On and off positions of valves for valves that are of the self-indicating type.
7. Storage plan showing the intended storage arrangement, including the location and dimensions of aisles.
8. The location and type of emergency equipment. The plans shall be legible and drawn approximately to scale. Separate distribution systems are allowed to be shown on separate pages.

{For SFM} The HMMP shall comply with Health and Safety Code, Chapter 6.95, Sections 25500 through 25545, and Title 19, Division 2, Chapter 3.

PURPOSE OF CHANGE:

Section 2701.5.2 of the 2006 IFC provides the general guidelines for the submittal of a Hazardous Materials Inventory Statement (HMIS). This provision exists in the current CFC and cross-references with Section 25509.2 of the Health and Safety Code regarding filling under 6.95 meeting the requirements of Article 80. *Note: The Health and Safety Code needs to be updated to include the chapter and code edition change.*

2701.5.2 Hazardous Materials Inventory Statement (HMIS). Where required by the fire code official, an applicant for a permit

shall include an HMIS, such as SARA (Superfund Amendments and Reauthorization Act of 1986), Title III, Tier II Report, or other approved statement. The HMIS shall include the following information:

1. Manufacturer's name.
2. Chemical name, trade names, hazardous ingredients.
3. Hazard classification.
4. MSDS or equivalent.
5. United Nations (UN), North America (NA), or the Chemical Abstract Service (CAS) identification number.
6. Maximum quantity stored or used on-site at one time.
7. Storage conditions related to the storage type, temperature and pressure.

{For SFM} The HMIS shall comply with the Health and Safety Code, Chapter 6.95, Sections 25500 through 25545, and Title 19, Division 2, Chapter 3.

Purpose/Rationale:

This provision exists in the current CFC and cross-references with Section 25509.2 of the Health and Safety Code regarding filling under 6.95 meeting the requirements of Article 80. *Note: The Health and Safety Code needs to be updated to include the chapter and code edition change*

NEXT MEETING:

To Be Announced @ OCFA RFOTC – Irvine Ca